## (19) World Intellectual Property Organization

International Bureau



## 

(43) International Publication Date 17 February 2005 (17.02.2005)

## (10) International Publication Number WO 2005/014933 A2

(51) International Patent Classification?:

D21H 21/40

(21) International Application Number:

PCT/EP2004/009155

(22) International Filing Date: 21 July 2004 (21.07.2004)

(25) Filing Language:

**English** 

(26) Publication Language:

English

(30) Priority Data:

25 July 2003 (25.07.2003) 0309137 60/493,777 11 August 2003 (11.08.2003)

- (71) Applicant (for all designated States except US): L'OREAL [FR/FR]; 14, rue Royale, F-75008 Paris (FR).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): ABERGEL, Aline [FR/FR]; 66, rue des Tilleuls, F-92100 Boulogne (FR).
- (74) Agent: SCHMIT, Charlotte; L'Oréal D.I.P.I, 25-29, quai Aulagnier, F-92600 Asnières (FR).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: AUTHENTICATABLE COSMETIC PACKAGING DEVICE

(57) Abstract: Packaging device for a cosmetic product including at least one container (1) forming at least one compartment in which said cosmetic product is directly or indirectly placed, and including at least one authentication element (3), said authentication element incorporating at least one first chemical reagent capable, when placed in contact with a second chemical reagent present on a counterpart authentication element (5), of producing a detectable change, notably of a visual nature, in the second reagent on the counterpart authentication element. Counterfeit detection kit for use with such a packaging device and non-destructive process for detection of a possible counterfeit packaging device for a cosmetic product.

